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检测
TESTING
CNAS L0446

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Test Report

Verified code: 793044

Report No.: E20240506136401-13

Customer: Lumi United Technology Co., Ltd

Address: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China

Sample Name: Vibration Sensor T1

Sample Model: VB-S01D

Receive Sample Date: May.10, 2024

Test Date: May.11,2024 ~ May.11,2024

Reference Document: AS/NZS 2772.2:2016/AMDT 1:2018

Test Result: Pass

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Reviewed by: Wu Haoting
Wu Haoting

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GRG METROLOGY & TEST GROUP CO., LTD.

Issued Date: 2024-09-02

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REPORT ISSUED HISTORY

Report Version	Report No.	Description	Compile Date
1.0	E20240506136401-13	Original Issue	2024-08-31

----- The following blanks -----

1 GENERAL DESCRIPTION OF EUT

1.1 APPLICANT INFORMATION

Name: Lumi United Technology Co., Ltd
Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian
Address: Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District,
Shenzhen, China

1.2 MANUFACTURER

Name: Lumi United Technology Co., Ltd
Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian
Address: Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District,
Shenzhen, China

1.3 BASIC DESCRIPTION OF EUT

Equipment: Vibration Sensor T1

Model No.: VB-S01D

Adding Model: /

Trade Name: Aqara

Power Supply: 3.0V DC supplied by button cell

Battery Specification: CR2032 3.0V DC

Frequency Band: 2405MHz-2480MHz

Modulation Type: O-QPSK

Antenna Specification: PCB printed antenna with 2dBi gain (Max)

Sample submitting way: ☒ Provided by customer ☐ Sampling

Sample No: E20240506136401-0001, E20240506136401-0003, E20240506136401-0004

Temperature Range: -10 °C ~ 50 °C

Hardware Version: V1.0

Software Version: V1.0.0.1

Note: The EUT antenna gain is provided by the applicant. This report is made solely on the basis of such data and/or information. We accept no responsibility for the authenticity and completeness of the above data and information and the validity of the results and/or conclusions.

2 LABORATORY AND ACCREDITATIONS

2.1 LABORATORY

The tests & measurements refer to this report were performed by Shenzhen EMC Laboratory of GRG METROLOGY & TEST GROUP CO., LTD.

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2.2 ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

China CNAS(L0446)

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3 TECHNICAL REQUIREMENTS SPECIFICATION

3.1 RF EXPOSURE EVALUATION

If the average power emitted by the apparatus operating in the frequency range 3 kHz to 300 GHz is less than or equal to 20 mW and the transmitting peak power is less than 20 W then the apparatus is deemed to comply with the basic restrictions without testing.

3.2 EVALUATION RESULTS

Mode	Maximum EIRP Level (dBm)	Maximum EIRP Level (mW)	EIRP Limit(mW)	Result
ZigBee	9.80	9.55	20	PASS

Note:

- 1) The Maximum EIRP Level please refer to RF report E20240506136401-11.
- 2) According to this requirement the SAR-measurement has not to be considered when the sending level is < 20 mW.

4 APPENDIX A: PHOTOGRAPH OF THE EUT

Please refer to the attached document E20240506136401-EUT photo.

----- End of Report -----

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